

## **RAW SEQUENCE LISTING**

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Application Serial Number: 10/551,977B  
Source: IFW16  
Date Processed by STIC: 03/14/2007

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IFW16

## RAW SEQUENCE LISTING

DATE: 03/14/2007

PATENT APPLICATION: US/10/551,977B

TIME: 10:04:36

Input Set : A:\KZI002US.txt

Output Set: N:\CRF4\03142007\J551977B.raw

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3 <110> APPLICANT: DEPERTHES, DAVID
4     CLOUTIER, SYLVAIN
5     MACH, JEAN-PIERRE
6     HOLLER, NILS
7     FATTAH, OMAR
9 <120> TITLE OF INVENTION: PEPTABODY FOR CANCER TREATMENT
11 <130> FILE REFERENCE: KZI-002US
13 <140> CURRENT APPLICATION NUMBER: 10/551,977B
14 <141> CURRENT FILING DATE: 2005-10-04
16 <150> PRIOR APPLICATION NUMBER: PCT/IB04/001049
17 <151> PRIOR FILING DATE: 2004-04-05
19 <150> PRIOR APPLICATION NUMBER: 60/460,490
20 <151> PRIOR FILING DATE: 2003-04-04
22 <160> NUMBER OF SEQ ID NOS: 37
24 <170> SOFTWARE: PatentIn Ver. 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 417
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
33     peptabody EGF: MDP01
35 <400> SEQUENCE: 1
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37 cagatgctgc gtgaactgca ggaaaccaac gctgctctgc aggacgttcg tgactacctg 120
38 cgtcagctgg ttctgtgaaat caccttccctg aaaaacaccg ttatggaatg cgacgcttgc 180
39 ggtatgcagc agactagtcc gcctactccg ccaactccgt ctccgtctac tccgccaact 240
40 ccgtctccga gatccaattc tgactctgaa tgcccattgt ctcacgacgg ttactgcttg 300
41 cacgacggtg tttgcatgta catcgaagct ctggacaaat acgcttgcaa ctgcgttggt 360
42 ggttacatcg gtgaacggtg ccaataccga gatctgaaat ggtgggaact gcggttaa 417
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 138
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
52     peptabody EGF: MDP01
54 <400> SEQUENCE: 2
55 Met Tyr Ser Phe Glu Asp Leu Ala Ser His His His His His Gly
56 1           5           10           15
58 Asp Leu Gly Pro Gln Met Leu Arg Glu Leu Gln Glu Thr Asn Ala Ala
59           20           25           30
61 Leu Gln Asp Val Arg Asp Tyr Leu Arg Gln Leu Val Arg Glu Ile Thr

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62          35          40          45
64 Phe Leu Lys Asn Thr Val Met Glu Cys Asp Ala Cys Gly Met Gln Gln
65          50          55          60
67 Thr Ser Pro Pro Thr Pro Pro Thr Pro Ser Pro Ser Thr Pro Pro Thr
68 65          70          75          80
70 Pro Ser Pro Arg Ser Asn Ser Asp Ser Glu Cys Pro Leu Ser His Asp
71          85          90          95
73 Gly Tyr Cys Leu His Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp
74          100          105          110
76 Lys Tyr Ala Cys Asn Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln
77          115          120          125
79 Tyr Arg Asp Leu Lys Trp Trp Glu Leu Arg
80          130          135
83 <210> SEQ ID NO: 3
84 <211> LENGTH: 333
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
90      peptabody GBP: MDP03
92 <400> SEQUENCE: 3
93 atgtatagct ttgaagatct ggctagccat catcatcacc atcatggaga cctgggcccg 60
94 cagatgctgc gtgaactgca ggaaaccaac gctgctctgc aggacgttcg tgactacctg 120
95 cgtcagctgg ttcgtgaaat caccttctctg aaaaacaccg ttatggaatg cgacgcttgc 180
96 ggtatgcagc agactagtcc gctactccg ccaactccgt ctccgtctac tccgccaaact 240
97 ccgtctccga gatctgaaaa cttttccggc ggctgcgtgg cgggctatat gcgtaccccg 300
98 gatggccggt gcaaaccgac cttttatcag taa 333
101 <210> SEQ ID NO: 4
102 <211> LENGTH: 110
103 <212> TYPE: PRT
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
108      peptabody GBP: MDP03
110 <400> SEQUENCE: 4
111 Met Tyr Ser Phe Glu Asp Leu Ala Ser His His His His His His Gly
112 1          5          10          15
114 Asp Leu Gly Pro Gln Met Leu Arg Glu Leu Gln Glu Thr Asn Ala Ala
115          20          25          30
117 Leu Gln Asp Val Arg Asp Tyr Leu Arg Gln Leu Val Arg Glu Ile Thr
118          35          40          45
120 Phe Leu Lys Asn Thr Val Met Glu Cys Asp Ala Cys Gly Met Gln Gln
121          50          55          60
123 Thr Ser Pro Pro Thr Pro Pro Thr Pro Ser Pro Ser Thr Pro Pro Thr
124 65          70          75          80
126 Pro Ser Pro Arg Ser Glu Asn Phe Ser Gly Gly Cys Val Ala Gly Tyr
127          85          90          95
129 Met Arg Thr Pro Asp Gly Arg Cys Lys Pro Thr Phe Tyr Gln
130          100          105          110

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133 <210> SEQ ID NO: 5
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139 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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143 Tyr Ser Phe Glu
144     1
147 <210> SEQ ID NO: 6
148 <211> LENGTH: 6
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153 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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158     1             5
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162 <211> LENGTH: 7
163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
168     peptide
170 <400> SEQUENCE: 7
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172     1             5
175 <210> SEQ ID NO: 8
176 <211> LENGTH: 8
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence .
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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184 <400> SEQUENCE: 8
185 Tyr Ser Phe Glu Asp Leu Tyr Arg
186     1             5
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190 <211> LENGTH: 9
191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
196     peptide
198 <400> SEQUENCE: 9
199 Tyr Ser Phe Glu Asp Leu Tyr Arg Arg

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200      1          5
203 <210> SEQ ID NO: 10
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210      1          5          10          15
212 Gly Arg Cys Lys Pro Thr Phe
213          20
216 <210> SEQ ID NO: 11
217 <211> LENGTH: 25
218 <212> TYPE: PRT
219 <213> ORGANISM: Spodoptera litura
221 <400> SEQUENCE: 11
222 Glu Asn Phe Ser Gly Gly Cys Val Ala Gly Tyr Met Arg Thr Pro Asp
223      1          5          10          15
225 Gly Arg Cys Lys Pro Thr Phe Tyr Gln
226          20          25
229 <210> SEQ ID NO: 12
230 <211> LENGTH: 23
231 <212> TYPE: PRT
232 <213> ORGANISM: Mamestra brassicae
234 <400> SEQUENCE: 12
235 Glu Asn Phe Ala Ala Gly Cys Ala Thr Gly Tyr Gln Arg Thr Ala Asp
236      1          5          10          15
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239          20
242 <210> SEQ ID NO: 13
243 <211> LENGTH: 23
244 <212> TYPE: PRT
245 <213> ORGANISM: Spodoptera eridania
247 <400> SEQUENCE: 13
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249      1          5          10          15
251 Gly Arg Cys Lys Pro Thr Phe
252          20
255 <210> SEQ ID NO: 14
256 <211> LENGTH: 23
257 <212> TYPE: PRT
258 <213> ORGANISM: Manduca sexta
260 <400> SEQUENCE: 14
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262      1          5          10          15
264 Gly Arg Cys Lys Pro Thr Phe
265          20
268 <210> SEQ ID NO: 15
269 <211> LENGTH: 23
270 <212> TYPE: PRT

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271 <213> ORGANISM: Manduca sexta
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277 Gly Arg Cys Lys Pro Thr Phe
278           20
281 <210> SEQ ID NO: 16
282 <211> LENGTH: 23
283 <212> TYPE: PRT
284 <213> ORGANISM: Heliothis virescens
286 <400> SEQUENCE: 16
287 Glu Asn Phe Ser Gly Gly Cys Ile Pro Gly Tyr Met Arg Thr Ala Asp
288   1           5           10           15
290 Gly Arg Cys Lys Pro Thr Tyr
291           20
294 <210> SEQ ID NO: 17
295 <211> LENGTH: 23
296 <212> TYPE: PRT
297 <213> ORGANISM: Heliothis virescens
299 <400> SEQUENCE: 17
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301   1           5           10           15
303 Gly Arg Cys Lys Pro Thr Tyr
304           20
307 <210> SEQ ID NO: 18
308 <211> LENGTH: 24
309 <212> TYPE: PRT
310 <213> ORGANISM: Trichoplusia ni
312 <400> SEQUENCE: 18
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317           20
320 <210> SEQ ID NO: 19
321 <211> LENGTH: 23
322 <212> TYPE: PRT
323 <213> ORGANISM: Trichoplusia ni
325 <400> SEQUENCE: 19
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327   1           5           10           15
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330           20
333 <210> SEQ ID NO: 20
334 <211> LENGTH: 23
335 <212> TYPE: PRT
336 <213> ORGANISM: Antheraea yamamai
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**VERIFICATION SUMMARY**

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